

Fig. 1

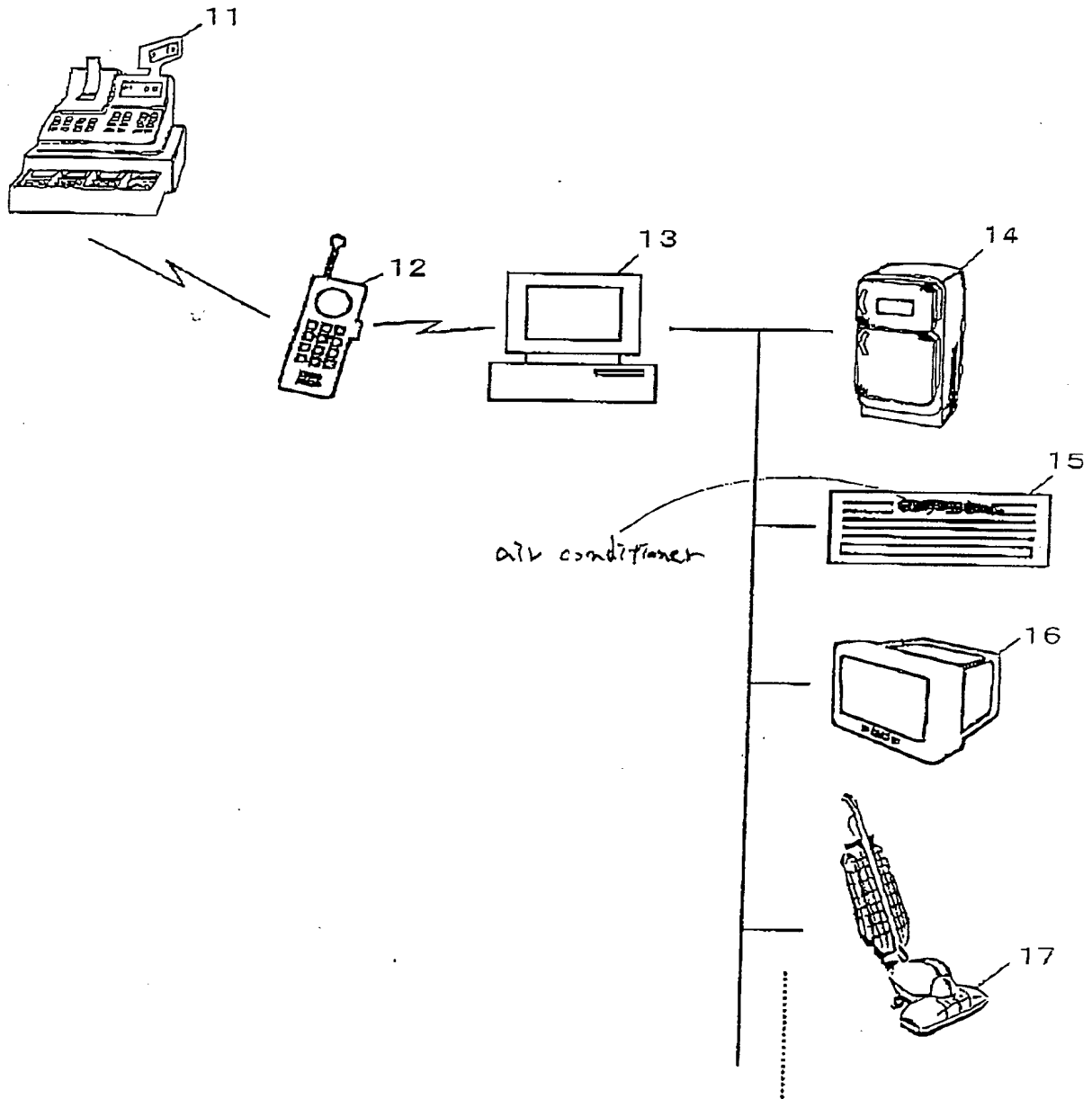


Fig. 2

図 2

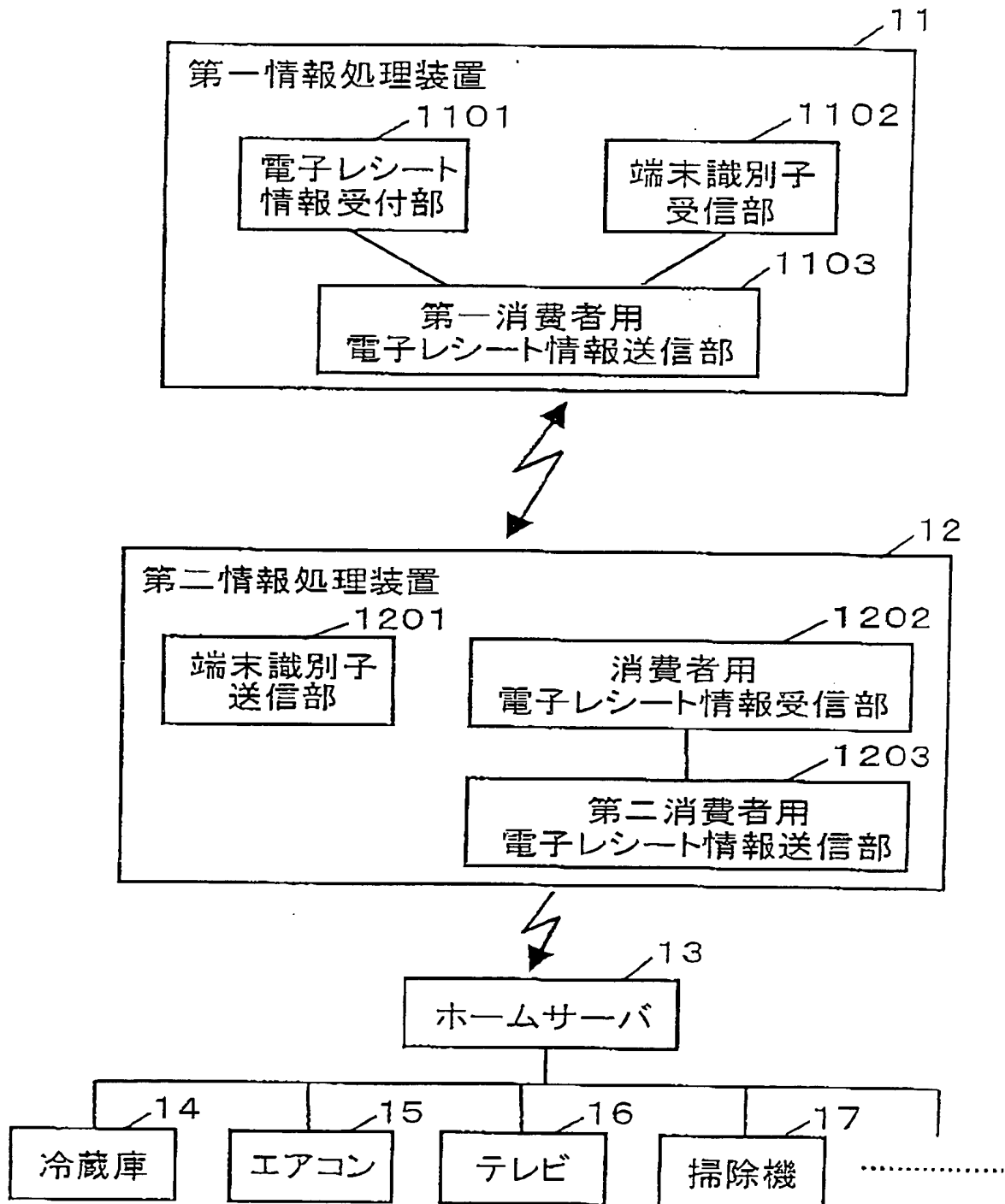


Fig.2

- 11 FIRST INFORMATION PROCESSING DEVICE
  - 1101 ELECTRONIC RECEIPT INFORMATION RECEIVING SECTION
  - 1102 TERMINAL IDENTIFIER RECEIVING SECTION
- 5 1103 FIRST CONSUMER'S ELECTRONIC RECEIPT INFORMATION TRANSMITTING SECTION
- 12 SECOND INFORMATION PROCESSING DEVICE
  - 1201 TERMINAL IDENTIFIER TRANSMITTING SECTION
  - 1202 CONSUMER'S ELECTRONIC RECEIPT INFORMATION RECEIVING
- 10 SECTION
  - 1203 SECOND CONSUMER'S ELECTRONIC RECEIPT INFORMATION TRANSMITTING SECTION
- 13 HOME SERVER
- 14 REFRIGERATOR
- 15 15 AIR CONDITIONER
- 16 TELEVISION
- 17 CLEANER

Fig. 3

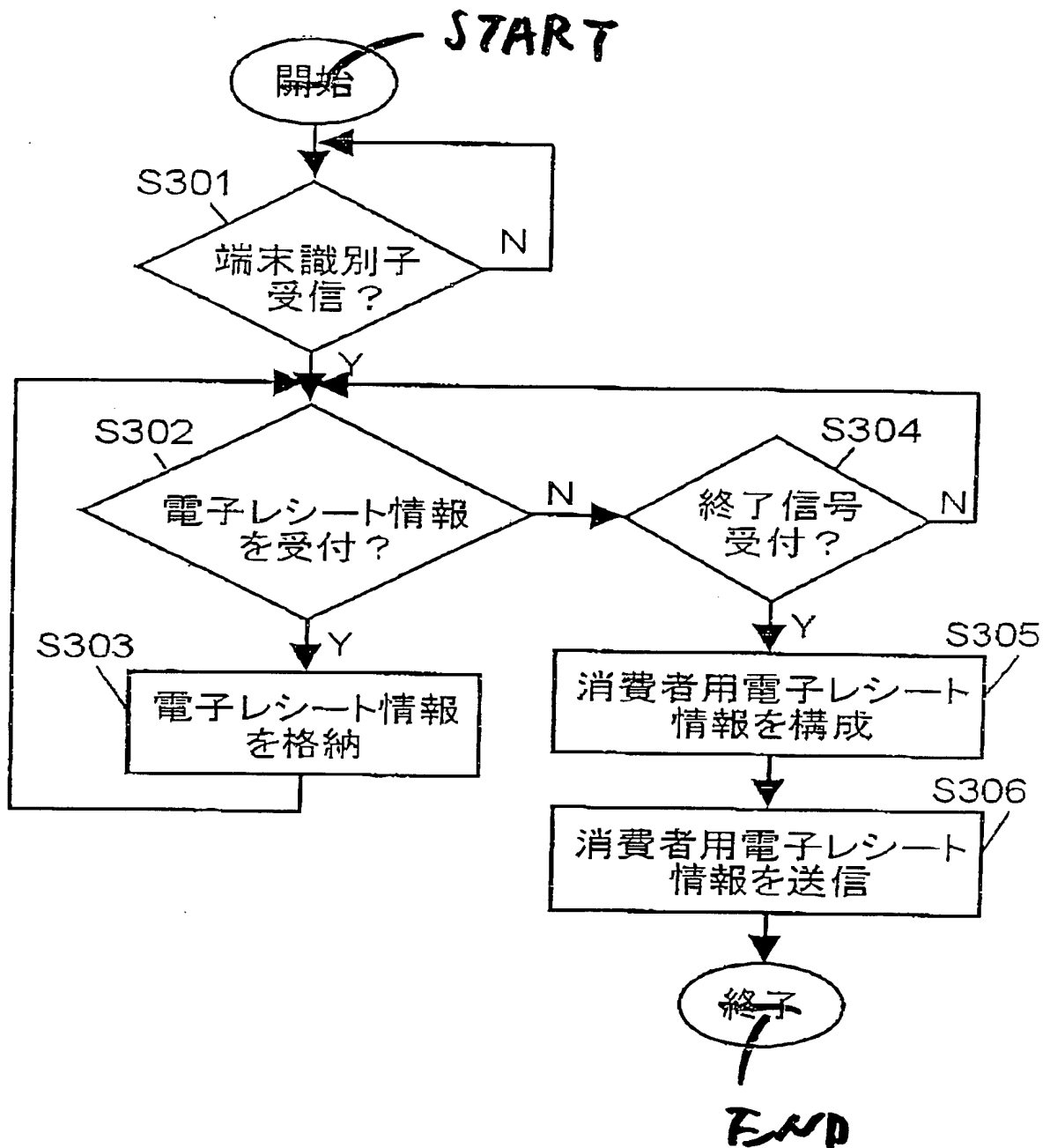
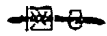


Fig.3

S301 TERMINAL IDENTIFIER IS RECEIVED ?

S302 ELECTRONIC RECEIPT INFORMATION IS ACCEPTED ?

S303 ELECTRONIC RECEIPT INFORMATION IS STORED

5 S304 COMPLETION SIGNAL IS RECEIVED ?

S305 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
GENERATED

S306 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
TRANSMITTED

Fig. 4

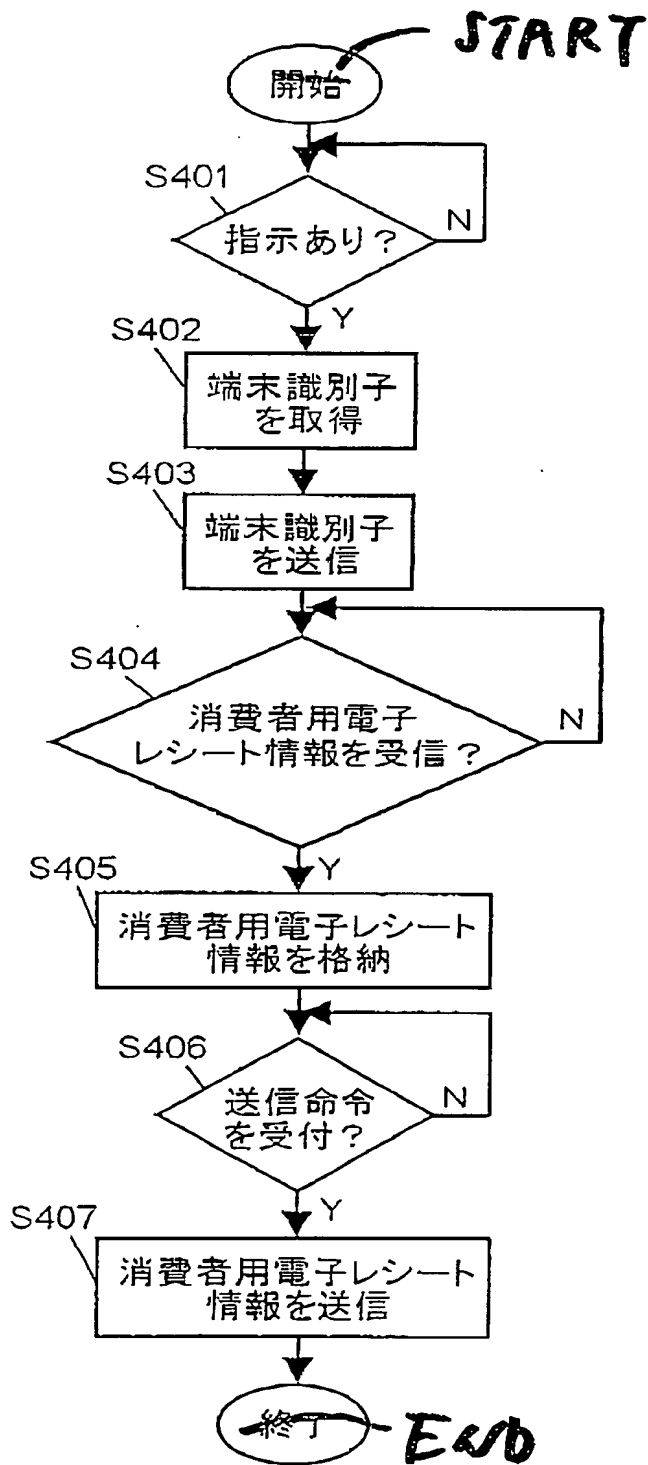


Fig.4

S401 THERE IS INSTRUCTION ?

S402 TERMINAL IDENTIFIER IS OBTAINED

S403 TERMINAL IDENTIFIER IS TRANSMITTED

5 S404 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
RECEIVED ?

S405 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS STORED

S406 TRANSMISSION ORDER IS RECEIVED ?

S407 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
10 TRANSMITTED

図5 Fig. 5

商品識別子	商品種別	量／個数	価格
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図6 Fig. 6

商品識別子	商品種別	量／個数	価格	購入年月日	購入者識別子	購入店識別子
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図7 Fig. 7

商品識別子	商品種別	量／個数	価格	購入年月日	購入者識別子	購入店識別子
キャベツX	野菜	1玉	180	2002/6/24	090-1111-2222	ABC店
ニンジンY	野菜	3本	150			
牛肉A	肉	500g	800			
牛乳B	飲料	1パック	150			
洗剤C	日用品	1箱	280	2002/6/24	090-1111-2222	XY店
プリンD	デザート	3コ	240	2002/6/25	090-1111-2222	ABC店
アイスクリームE	デザート	2コ	200			
Tシャツ	衣料	1枚	1,000	2002/6/25	090-1111-2222	DEF店
ゴミ箱	雑貨	1コ	580	2002/6/25	090-1111-2222	XY店
掃除機	電化製品	1台	27,000	2002/6/25	090-1111-2222	TUV店
⋮	⋮	⋮	⋮	⋮	⋮	⋮



Fig.5

COMMERCIAL PRODUCT IDENTIFIER	COMMERCIAL PRODUCT TYPE	QUANTITY/NUM BER OF PIECES	PRICE
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Fig.6

COMME RCIAL PRODU CT IDENTIFI ER	COMME RCIAL PRODU CT TYPE	QUANTI TY/NUM BER OF PIECES	PRICE	YEAR, MONTH AND DAY OF PURCHA SE	PURCHA SER IDENTIFI ER	PURCHA SE SHOP IDENTIFI ER
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Fig.7

COMME RCIAL PRODU CT IDENTIFI ER	COMME RCIAL PRODU CT TYPE	QUANTI TY/NUM BER OF PIECES	PRICE	YEAR, MONTH AND DAY OF PURCHA SE	PURCHA SER IDENTIFI ER	PURCHA SE SHOP IDENTIFI ER
CABBAG E X	VEGETA BLE	1 LOAF				ABC SHOP
CARROT Y	VEGETA BLE	3 PIECES				
BEEF A	MEAT					
MILK B	BEVERA GE	1 PACK				
DETERG ENT C	DAILY COMMO DITY	1 BOX				XY SHOP
PUDDIN G D	DESSER T	3 PIECES				ABC SHOP
ICE CREAM E	DESSER T	2 PIECES				
T-SHIRT	CLOTHI NG	1 PIECE				DEF SHOP
TRASH BOX	GROCE RY	1 PIECE				XY SHOP
CLEANE R	ELECTRI C APPLIAN CE	1 UNIT				TUV SHOP
...	...	...	...	...	...	...

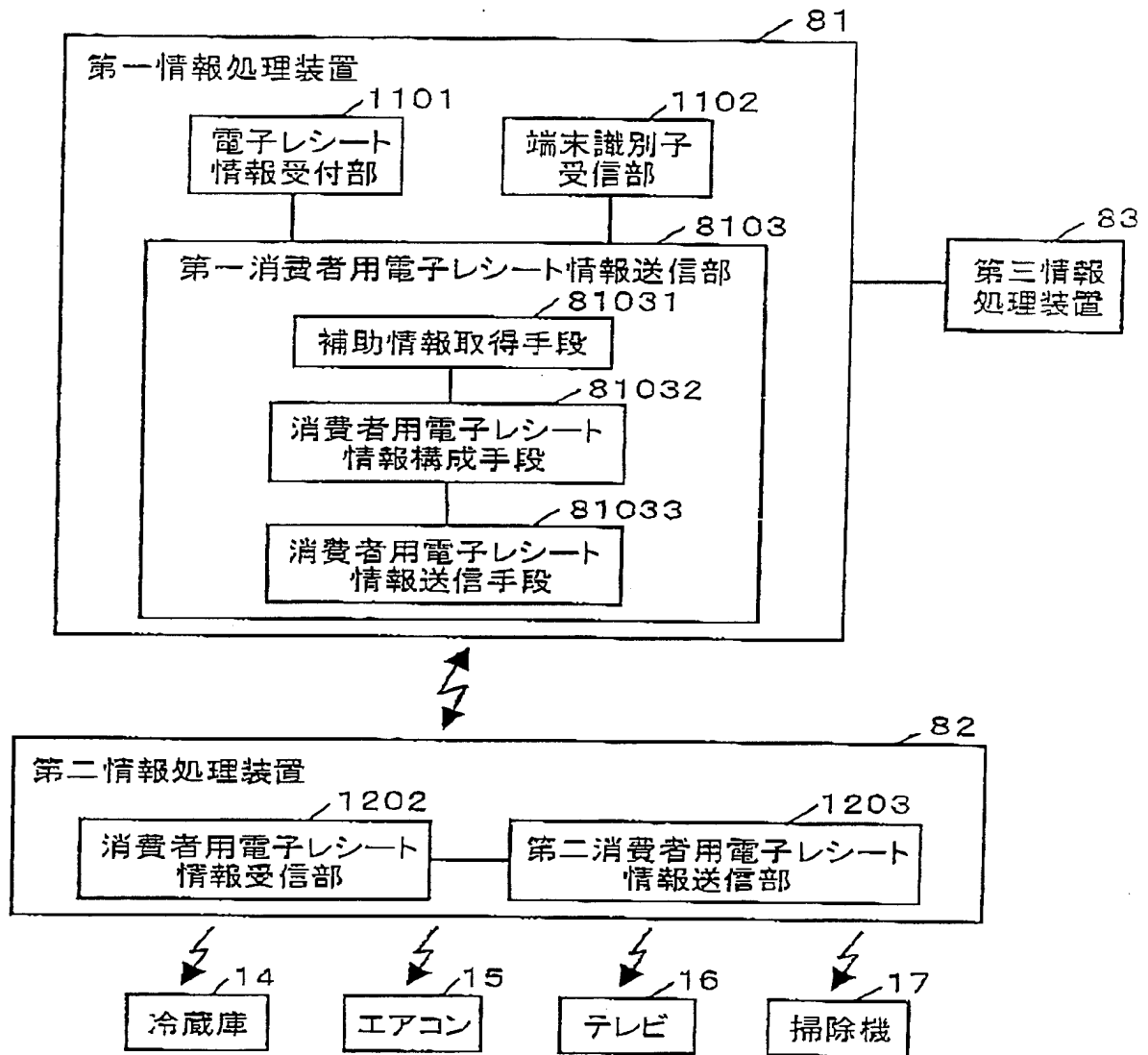
Fig. 8  
図8

Fig.8

- 81 FIRST INFORMATION PROCESSING DEVICE
- 1101 ELECTRONIC RECEIPT INFORMATION RECEIVING SECTION
- 1102 TERMINAL IDENTIFIER RECEIVING SECTION
- 5 8103 FIRST CONSUMER'S ELECTRONIC RECEIPT INFORMATION  
TRANSMITTING SECTION
- 81031 AUXILIARY INFORMATION OBTAINING UNIT
- 81032 CONSUMER'S ELECTRONIC RECEIPT INFORMATION  
GENERATING UNIT
- 10 81033 CONSUMER'S ELECTRONIC RECEIPT INFORMATION  
TRANSMITTING UNIT
- 83 THIRD INFORMATION PROCESSING DEVICE
- 82 SECOND INFORMATION PROCESSING DEVICE
- 1202 CONSUMER'S ELECTRONIC RECEIPT INFORMATION RECEIVING  
15 SECTION
- 1203 SECOND CONSUMER'S ELECTRONIC RECEIPT INFORMATION  
TRANSMITTING SECTION
- 14 REFRIGERATOR
- 15 AIR CONDITIONER
- 20 16 TELEVISION
- 17 CLEANER

Fig. 9

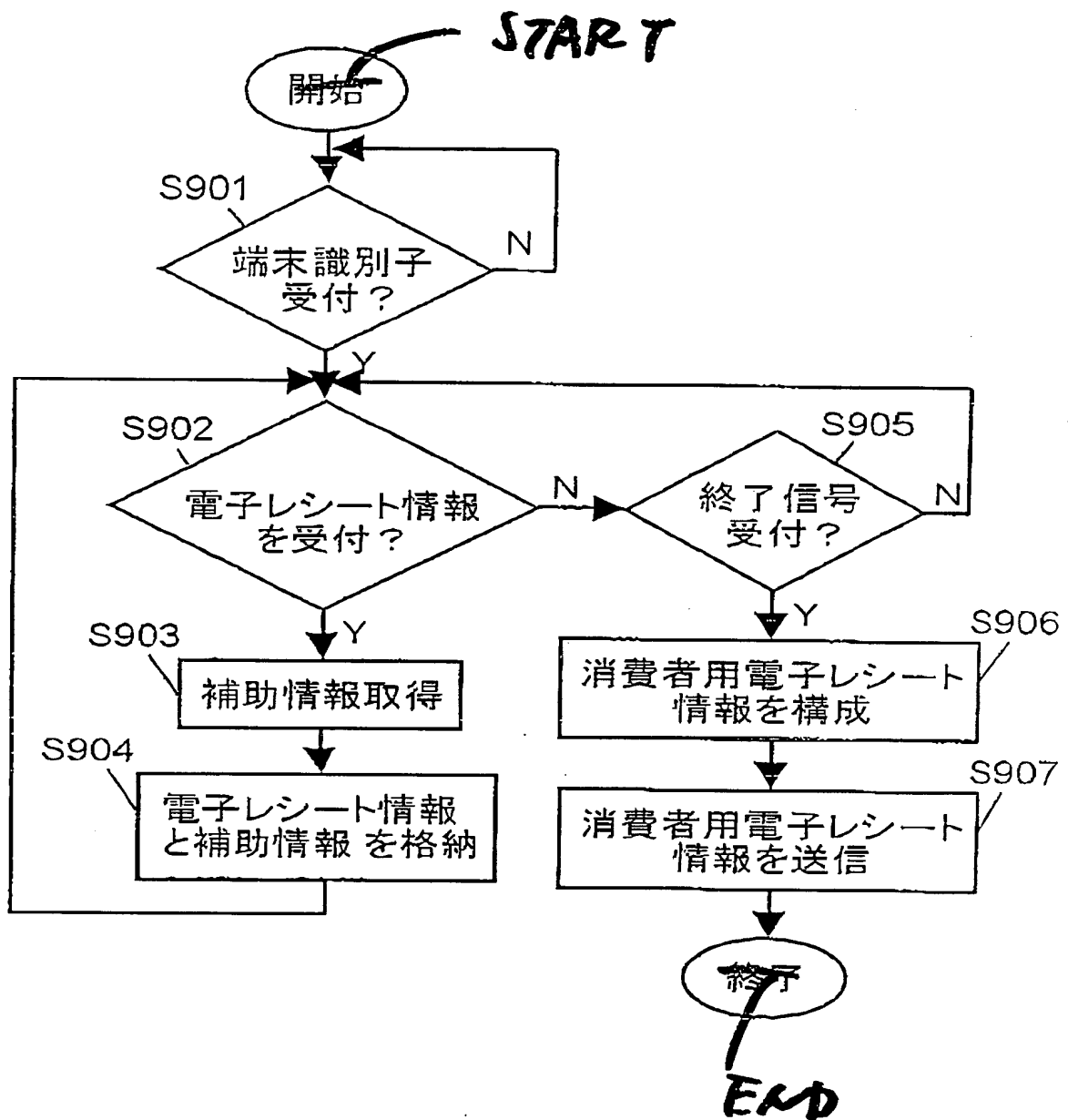


Fig.9

S901 TERMINAL IDENTIFIER IS RECEIVED ?

S902 ELECTRONIC RECEIPT INFORMATION IS RECEIVED ?

S903 AUXILIARY INFORMATION IS OBTAINED

5 S904 ELECTRONIC RECEIPT INFORMATION AND AUXILIARY  
INFORMATION ARE STORED

S905 COMPLETION SIGNAL IS RECEIVED ?

S906 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
GENERATED

10 S907 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
TRANSMITTED

~~FIG. 10~~ Fig. 10

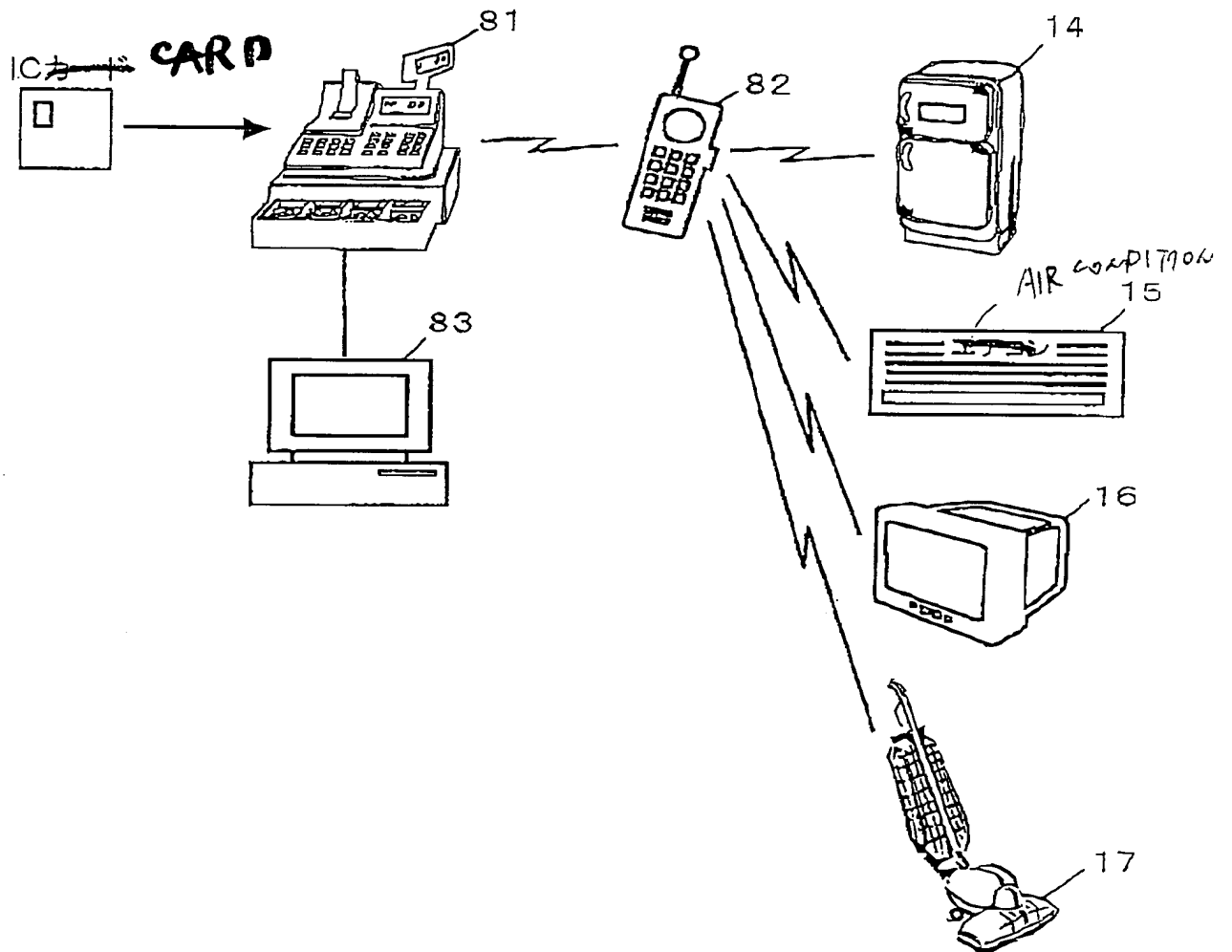


Fig. 11

図 1-1

商品識別子	メーカー識別子	商品種別	価格
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図 1-2 Fig. 12

商品識別子	保証情報				返品情報	マニュアル情報
	保証期間	保証条件	保証の対応内容	サポートセンター連絡先		
冷蔵庫A1	1年	落下等の故障は保証対象外	ご家庭まで伺います	0120-111222	可	=====
冷蔵庫B1	3年	落上等の故障は保証対象外	ご家庭まで伺います	03-3333-1111	不可	=====
⋮	⋮	⋮	⋮	⋮	⋮	⋮
エアコンAE1	1年	保証情報の提示が必要	ご家庭まで伺います	0120-222222	不可	=====
エアコンBE5	1年	天候等に起因する故障は対象外	ご家庭まで伺います	0120-555666	不可	=====
⋮	⋮	⋮	⋮	⋮	⋮	⋮
テレビAT1	2年	正常使用による故障に対応	ご家庭まで伺います	06-6666-1111	可	=====
テレビBT7	1年	正常使用による故障に対応	ご家庭まで伺います	0120-333444	可	=====
⋮	⋮	⋮	⋮	⋮	⋮	⋮
掃除機AC3	6ヶ月	正常使用による故障に対応	商品持参のこと	0120-777688	不可	=====
掃除機BC5	1年	正常使用による故障に対応	商品持参のこと	078-111-2222	不可	=====
⋮	⋮	⋮	⋮	⋮	⋮	⋮

図 1-3 Fig. 13

商品識別子	メーカー識別子	商品種別	価格	保証情報				返品情報	マニュアル情報	購入年月日	販売店識別子
				保証期間	保証条件	保証の対応内容	サポートセンター連絡先				
冷蔵庫A1	メーカーA	冷蔵庫	15万円	1年	落上等の故障は保証対象外	ご家庭まで伺います	0120-111222	可	=====	2002/6/30	ABC電機
テレビBT7	メーカーB	テレビ	20万円	1年	正常使用による故障に対応	ご家庭まで伺います	0120-333444	可	=====	2002/6/30	ABC電機



Fig.11

COMMERCIAL PRODUCT IDENTIFIER	COMMERCIAL PRODUCT TYPE	QUANTITY/NUMBER OF PIECES	PRICE
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Fig.12

COMMERCIAL PRODUCT IDENTIFIER	GUARANTEE INFORMATION				RETURN PRODUCT INFORMATION	MANUAL INFORMATION
	GUARANTEE PERIOD	GUARANTEE CONDITION	HANDLING CONTENT OF GUARANTEE	SUPPORT CENTER CONTACT INFORMATION		
REFRIGERATOR A1	1 YEAR	DAMAGE SUCH AS DROPPING IS OUTSIDE GUARANTEE OBJECT	VISIT TO YOUR HOME		AVAILABLE	
REFRIGERATOR B1	3 YEAR	DAMAGE SUCH AS DROPPING IS OUTSIDE GUARANTEE OBJECT	VISIT TO YOUR HOME		NOT AVAILABLE	
AIR CONDITIONER AE1	1 YEAR	DAMAGE SUCH AS DROPPING IS OUTSIDE GUARANTEE OBJECT	VISIT TO YOUR HOME		NOT AVAILABLE	
AIR CONDITIONER BE5	1 YEAR	DAMAGE SUCH AS DROPPING IS OUTSIDE GUARANTEE OBJECT	VISIT TO YOUR HOME		NOT AVAILABLE	
TV AT1	2 YEAR	DAMAGE SUCH AS DROPPING	VISIT TO YOUR HOME		AVAILABLE	

		G IS OUTSIDE GUARANT EE OBJECT				
TV BT7	1 YEAR	DAMAGE SUCH AS DROPPIN G IS OUTSIDE GUARANT EE OBJECT	VISIT TO YOUR HOME		AVAILABL E	
CLEANER AC3	6 MONTHS	DAMAGE SUCH AS DROPPIN G IS OUTSIDE GUARANT EE OBJECT	VISIT TO YOUR HOME		NOT AVAILABL E	
CLEANER BC5	1 YEAR	DAMAGE SUCH AS DROPPIN G IS OUTSIDE GUARANT EE OBJECT	VISIT TO YOUR HOME		NOT AVAILABL E	

Fig.13

COM MER CIAL PRO DUC T IDEN TIFIE R	MAN UFA CTU RER IDEN TIFIE R	COM MER CIAL PRO DUC T TYP E	PRIC E	GUARANTEE INFORMATION				RET URN PRO DUC T INFO RMA TION	MAN UAL INFO RMA TION	YEA R, MON TH AND DAY OF PUR CHA SE	SHO P IDEN TIFIE R
				GUA RAN TEE PERI OD	GUA RAN TEE CON DITI ON	HAN DLIN G CON TEN T OF GUA RAN TEE	SUP POR T CEN TER CON TAC T INFO RMA TION				
REF RIGE RAT OR A1	MAN UFA CTU RER A	REF RIGE RAT OR	150, 000 YEN	1 YEA R	DAM AGE SUC H AS DRO PPIN G IS OUT SIDE GUA RAN TEE OBJ ECT	VISI T TO YOU R HOM E		AVAI LABL E			ABC ELE CTRI C
TV BT7	MAN UFA CTU RER B	TV	200, 000 YEN	1 YEA R	DAM AGE SUC H AS DRO PPIN G IS OUT SIDE GUA RAN TEE OBJ ECT	VISI T TO YOU R HOM E		NOT AVAI LABL E			ABC ELE CTRI C

~~Fig. 14~~ Fig. 14

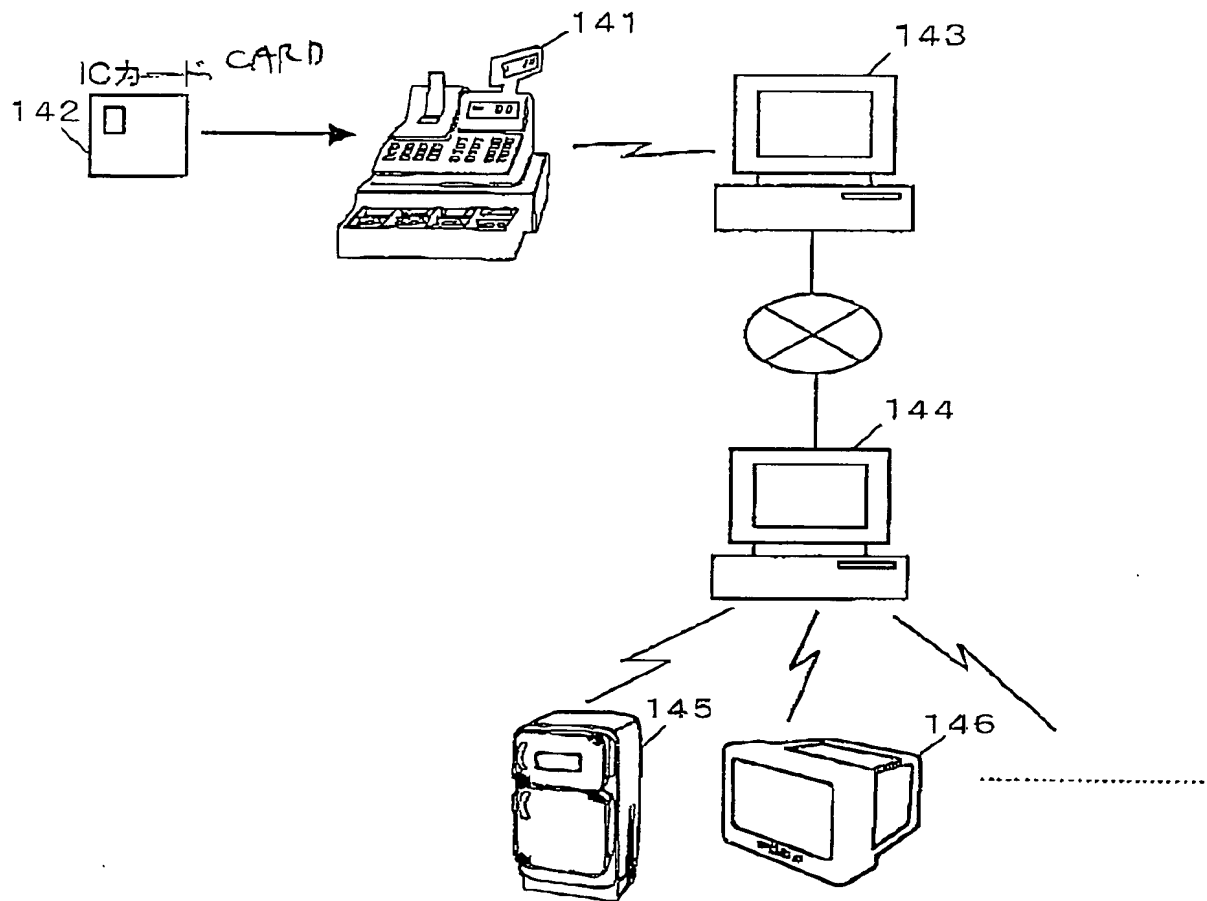


図 15 Fig. 15

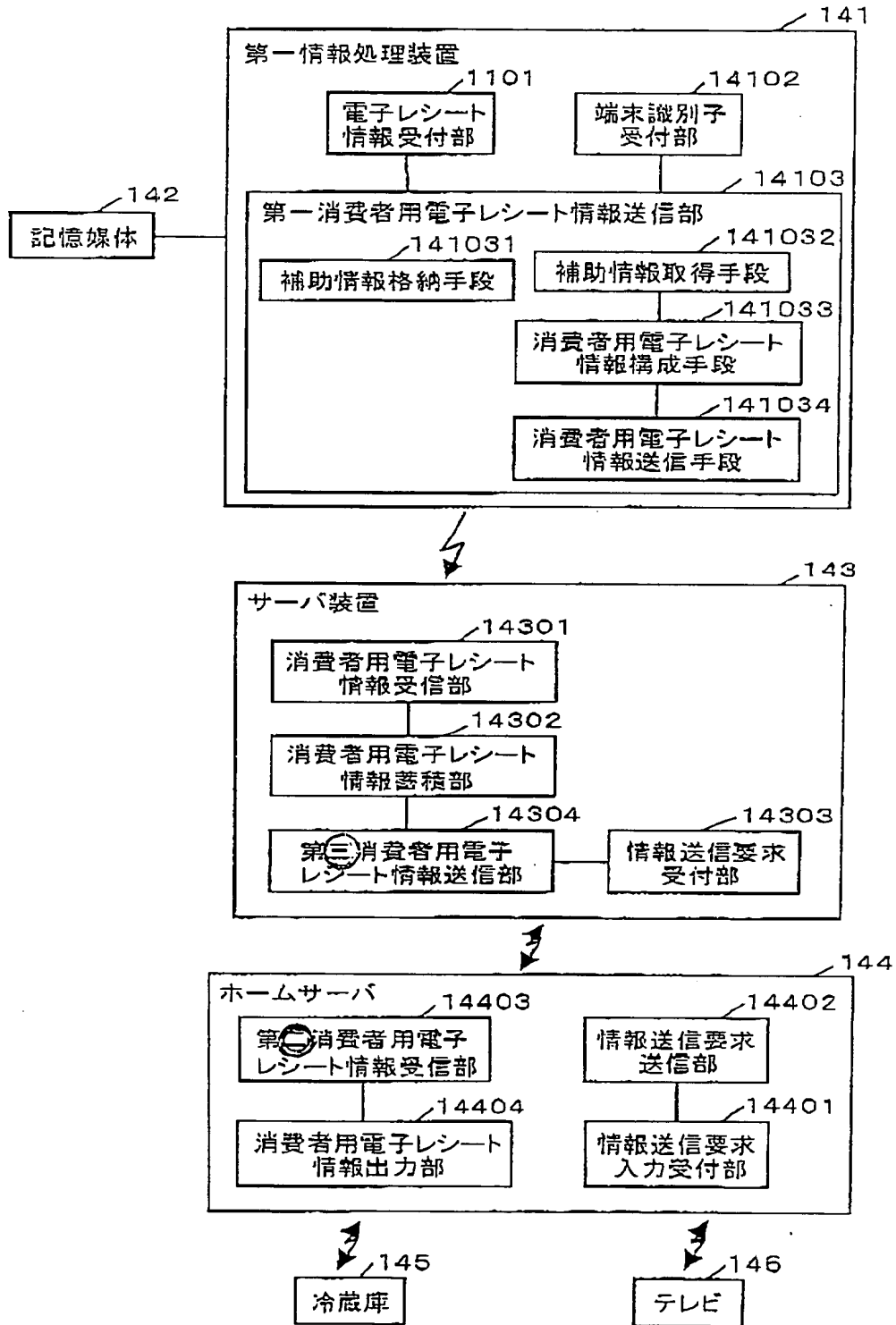


Fig.15

- 141 FIRST INFORMATION PROCESSING DEVICE
- 1101 ELECTRONIC RECEIPT INFORMATION RECEIVING SECTION
- 14102 TERMINAL IDENTIFIER RECEIVING SECTION
- 5 14103 FIRST CONSUMER'S ELECTRONIC RECEIPT INFORMATION TRANSMITTING SECTION
- 141031 AUXILIARY INFORMATION STORING UNIT
- 141032 AUXILIARY INFORMATION OBTAINING UNIT
- 141033 CONSUMER'S ELECTRONIC RECEIPT INFORMATION GENERATING UNIT
- 10 141034 CONSUMER'S ELECTRONIC RECEIPT INFORMATION TRANSMITTING UNIT
- 142 RECORDING MEDIUM
- 143 SERVER DEVICE
- 14310 CONSUMER'S ELECTRONIC RECEIPT INFORMATION RECEIVING SECTION
- 14302 CONSUMER'S ELECTRONIC RECEIPT INFORMATION STORING SECTION
- 15 14304 THIRD CONSUMER'S ELECTRONIC RECEIPT INFORMATION TRANSMITTING SECTION
- 14303 INFORMATION TRANSMISSION REQUEST RECEIVING SECTION
- 144 HOME SERVER
- 14403 SECOND CONSUMER'S ELECTRONIC RECEIPT INFORMATION RECEIVING SECTION
- 20 14404 CONSUMER'S ELECTRONIC RECEIPT INFORMATION OUTPUTTING SECTION
- 14402 INFORMATION TRANSMISSION REQUEST TRANSMITTING SECTION
- 14401 INFORMATION TRANSMISSION REQUEST INPUT RECEIVING SECTION
- 145 REFRIGERATOR
- 25 146 TELEVISION

図 16 Fig. 16

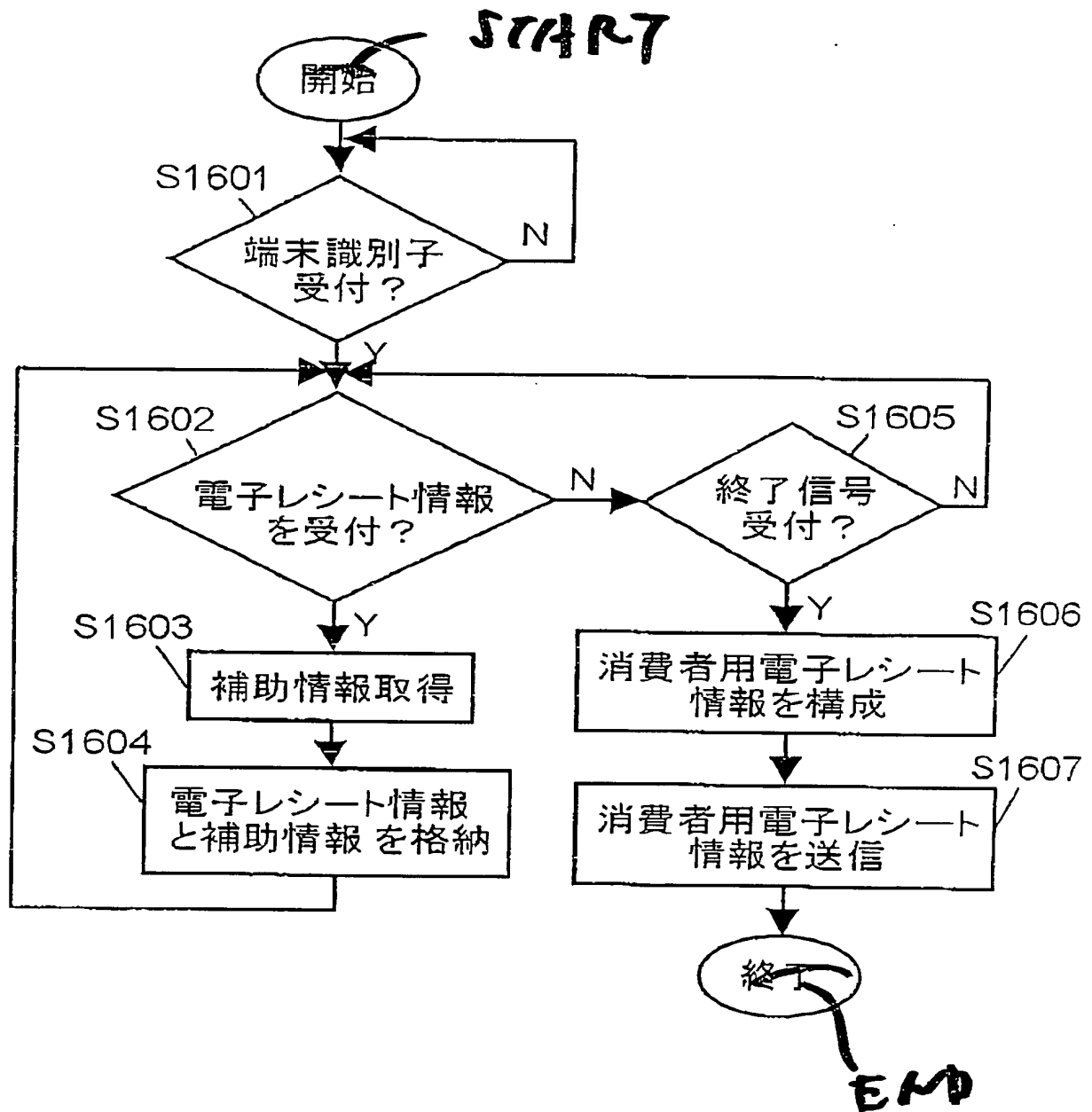


Fig.16

S1601 TERMINAL IDENTIFIER IS RECEIVED ?

S1602 ELECTRONIC RECEIPT INFORMATION IS RECEIVED ?

S1603 AUXILIARY INFORMATION IS OBTAINED

5 S1604 ELECTRONIC RECEIPT INFORMATION AND AUXILIARY  
INFORMATION ARE STORED

S1605 COMPLETION SIGNAL IS RECEIVED ?

S1606 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
CONFIGURED

10 S1607 CONSUMER'S ELECTRONIC RECEIPT INFORMATION IS  
TRANSMITTED